

# City of Edgewood Comprehensive Plan

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Volume 1

Goals, Objectives, and Policies

Prepared By:

Edgewood City Council  
with technical assistance provided by Florida Engineering Group, Inc.  
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As Amended December 21, 2021

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## Future Land Use

### Goals, Objectives, Policies

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GOAL 1: Ensure a development pattern that recognizes land as a natural resource and promotes its most efficient and effective use.

OBJECTIVE 1.1: Future development and redevelopment activities shall be directed toward areas depicted on the Future Land Use Map, coordinated with the topography, soil conditions and availability of facilities and services, and consistent with the goals, objectives, and policies of the Comprehensive Plan. The Future Land Use Map shall reflect the City's vision for the future, particularly of that for the Orange Avenue corridor of the city: Transformation of the industrial and heavy commercial uses along the city's main street into professional employment, neighborhood services and shopping, and restaurant uses as well as residential at densities that promote alternative forms of transportation, including transit and walking.

Policy 1.1.1 The City's land development regulations shall regulate the use of land based upon and consistent with the development guidelines of the Comprehensive Plan.

Policy 1.1.2 The City shall undertake efforts to amend where necessary the existing ordinance and regulations to bring them into consistency with the adopted Comprehensive Plan and adopted Future Land Use Map Series within one year of Plan submittal. At a minimum this will include the following:

1. Subdivision of land within the City; this will be consistent with the land uses included on the Future Land Use Map and the policies of this Plan.
2. Signage; and the City will amend the existing regulations where necessary to allow signs that do not pose a distraction to traffic and that blend with the nature of the community.
3. Areas subject to seasonal and periodic flooding; development in the 100-year floodplain must be consistent with Policy 4.8.4.
4. Soils and topography; the City will coordinate future growth with appropriate topography and soil conditions as noted in the Plan.

Policy 1.1.3 No development order or permit shall be approved unless the developer obtains letters from the applicable public facility providers providing reasonable assurance that sufficient public facilities are available concurrent with the impact of development consistent with the level of service standards adopted as part of the Comprehensive Plan and identified in the Capital Improvements Element.

Policy 1.1.4 New development shall be reviewed to ensure its compatibility with surrounding existing land uses and with the overall character of the community, such as:

1. Providing adequate buffers to reduce the impact of more intense development on existing less intense development,
2. Placing conditions or restrictions on development to improve compatibility of a proposed new use,
3. Establishing development standards for new development that maintain the overall character of the community, and
4. Ensuring architectural design and site planning efforts produce development that is compatible and attractive to surrounding uses.

Policy 1.1.5 The City shall periodically review and update its policies, land use regulations, and other efforts to ensure the City's land use program is responsive to the community's character, changes in state and federal regulatory environment, as well as market and business needs.

Policy 1.1.6 Development orders shall only be approved consistent with the adopted Future Land Use Map. The Future Land Use Map classifications are defined below:

Commercial: Activities within land areas that are predominantly connected with the sale, rental and distribution of products, or performance of services. Commercial uses will be at a relatively low to moderate intensity, consistent with existing uses. Maximum commercial intensity shall be 0.50 F.A.R. (floor area ratio), unless as set forth below.

Properties with a Commercial Future Land Use designation that have frontage on a roadway designated as "principal arterial", may have a mixed-use development pattern not exceeding ~~4.0~~ 3.0 F.A.R. ~~for the commercial component~~ and up to ~~25~~ 80 dwelling units per acre, when adequate public facilities and services are demonstrated to be available and land use compatibility demonstrated. This mixed-use pattern will promote infill and redevelopment, while also promoting a reduction in vehicle trips and promoting mobility. Properties developing under the mixed-use concept may develop meeting the following design components, implemented through the land development regulations:

1. Massing and scale building heights shall be permitted by land development regulations; however, floors over the first may be required to be stepped back to provide massing relief from adjacent properties with a residential designation.
2. All sides of mixed use buildings shall incorporate architectural detail and design elements so that there are no blank walls on the exterior, incorporating a variety of rooflines, windows, and visual relief through changes in building material, as well as horizontal and vertical changes in the building facades.
3. Active uses within mixed-use buildings, including parking areas, recreational facilities, and mechanical equipment shall be appropriately buffered to reduce impact on existing residential uses.
4. Lighting and signage shall be appropriately designed, scaled and shielded to reduce impact on surrounding residential areas.
5. Other compatibility measures and development standards as may be defined through the Planned Development and site plan review process.
6. Any site with a property line adjacent to a street that provides access to a residential neighborhood shall have no curb cuts onto the residential street, so as to minimize impact to the residential neighborhood, unless approved by City Council in a public hearing as part of a Planned Development Zoning or a conditional use process.

Low Density Residential: Low density residential land uses shall be at a density not exceeding 4 dwelling units per acre.

Medium Density Residential: Medium density residential land uses shall be at a density greater than 4 dwellings units per acre and not exceeding 7 dwelling units per acre.

High Density Residential: High density residential land uses shall be at a density exceeding 7 dwelling units per acre but not greater than 16 units per acre.

Institutional: Activities within land areas that are predominantly connected with government, schools, hospitals, and medically related facilities. Institutional land uses will be at a relatively low to moderate intensity, consistent with existing uses. Maximum institutional intensity will be 0.50 F.A.R. (floor area ratio).

Policy 1.1.7 The City's land development regulations shall implement mixed-use development in the Commercial Future Land Use category, Including a provision for a "permitted use" development option meeting certain established performance standards and a Planned Development or "conditional use" development option if those performance standards cannot be met.

Policy 1.1.8 Public and private kindergarten through 12<sup>th</sup> grade (K-12) schools meeting standards for property size and location consistent with the Orange County School District standards may shall be permitted in any all Future Land Use classifications subject to applicable zoning regulations.

OBJECTIVE 1.2: All development activities undertaken in the City will be consistent with and supportive of the Comprehensive Plan's policies for protecting natural resources.

Policy 1.2.1 The City will encourage and provide assistance to citizens who seek to have their historic properties listed on state or federal historic preservation registries.

Policy 1.2.2 The City will protect natural resources through the means identified in the Conservation Element and their related policies.

OBJECTIVE 1.3: The City shall provide for adequate lands to meet the public facility and service needs as identified through the Capital Improvements Element.

Policy 1.3.1 The City shall coordinate with the Florida Department of Transportation and Orange County in defining right-of-way needs for proposed roadway improvements and establish techniques for right-of-way acquisition, protection and reservation.

Policy 1.3.2 Public utilities, including but not limited to electric substations, that provide essential service to existing and future land uses authorized by this Plan shall be permitted in all land use categories subject to the goals, objectives and policies of this Comprehensive Plan and compatibility standards in the land development regulations.

Policy 1.3.3 Developers shall assess their needs for essential services (electricity, gas, etc.) and seek confirmation of future availability from appropriate utility suppliers. Confirmation should be provided by the utility providers during the planning stages of development, before the issuance of a development order.

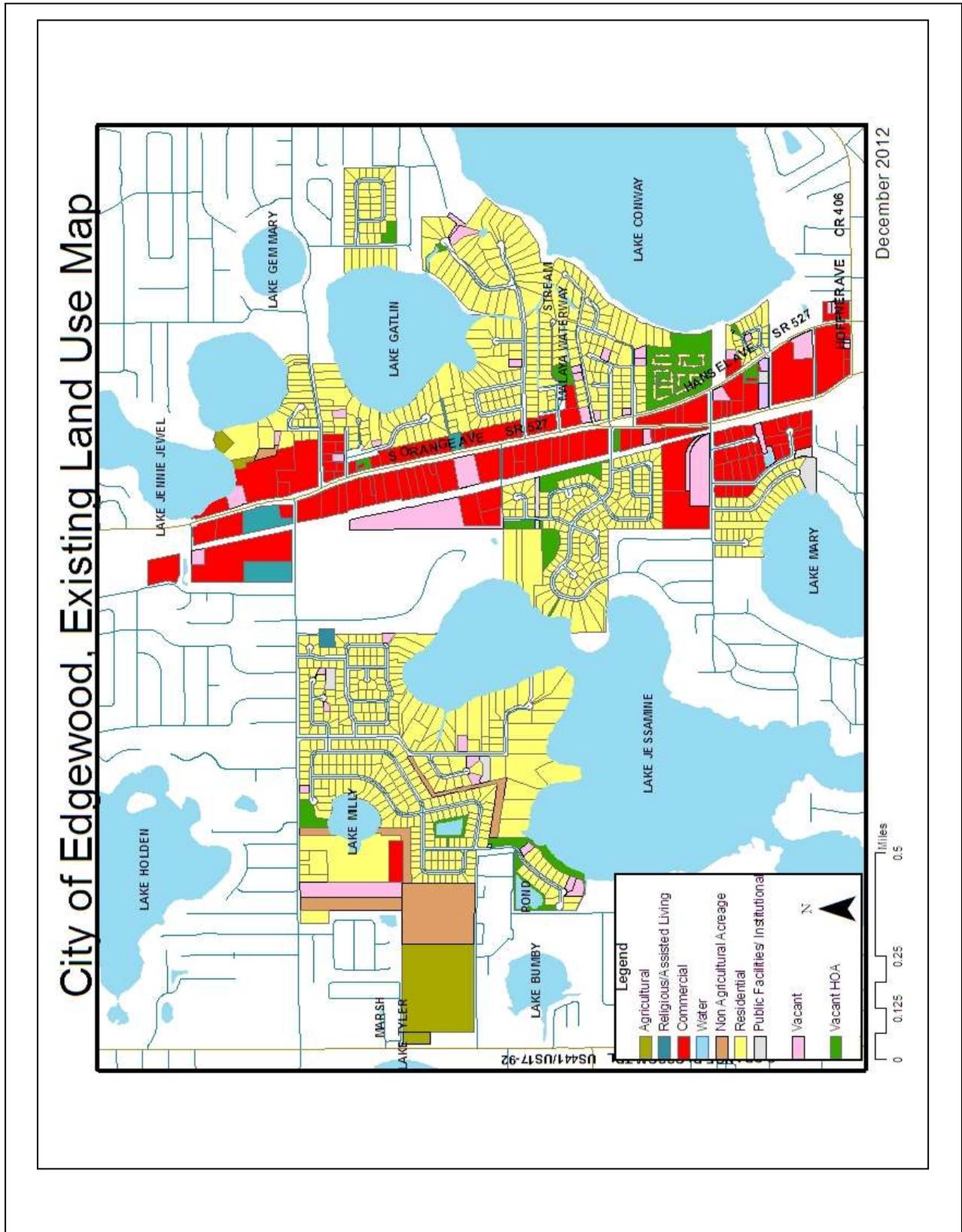
Policy 1.3.4 The City will coordinate with public utilities that provide essential services and develop guidelines to assure continuity and availability of service.

OBJECTIVE 1.4: Comprehensive Plan amendments and implementation of the Plan's development guidelines will include promoting public participation and intergovernmental agency coordination.

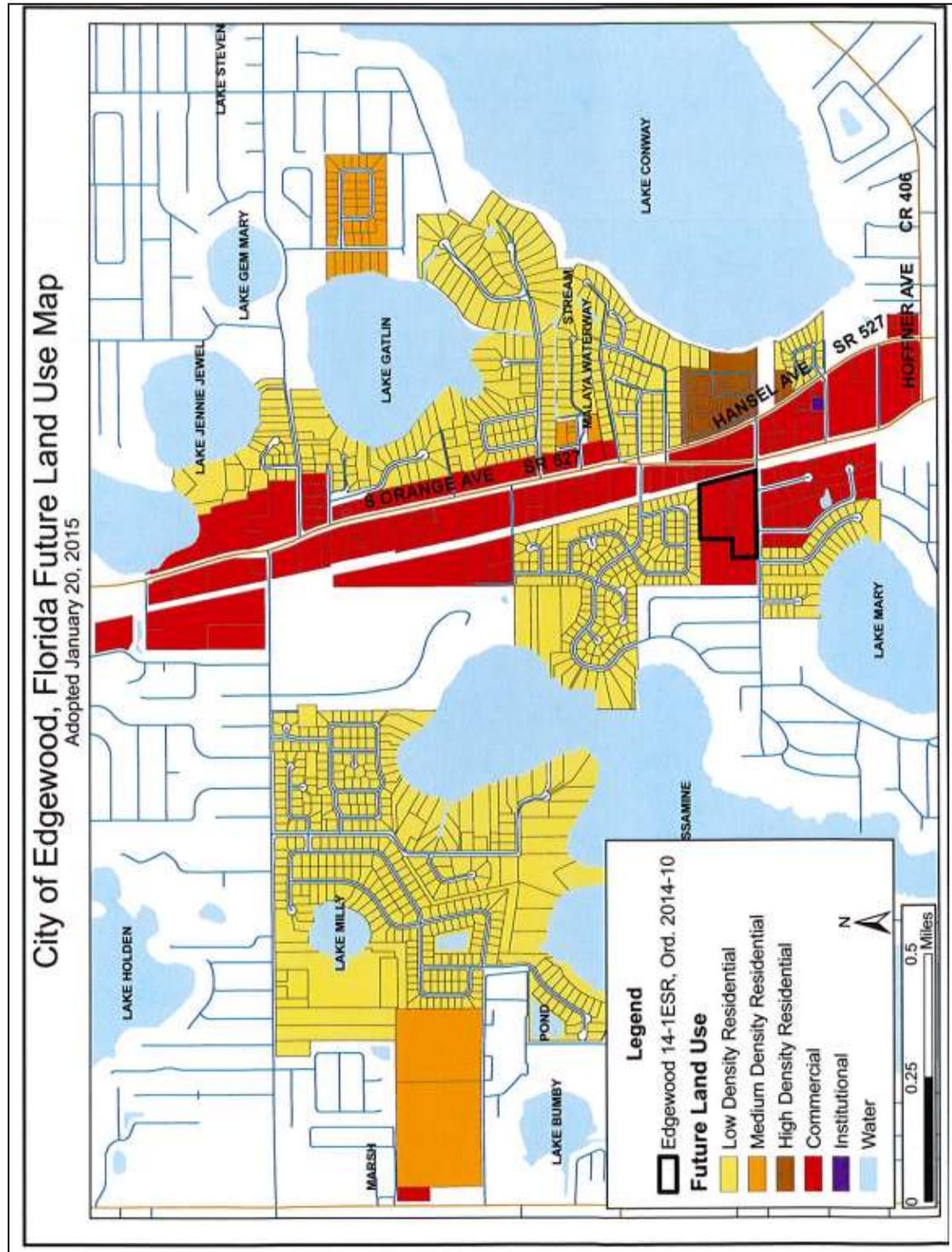
Policy 1.4.1 The City of Edgewood will continue to coordinate with Orange County and with adjacent jurisdictions when establishing or implementing guidelines for development, to coordination with any appropriate resource planning and management plan.

Policy 1.4.2 Public participation will be encouraged through implementing a public participation program within the Land Development Code to address procedures for providing opportunity for public involvement in Comprehensive Plan and Land Development Code amendments.

# Existing Land Use Map



# Future Land Use Map



# Soil Map Series

UNIVERSITY OF FLORIDA  
INSTITUTE OF FOOD AND AGRICULTURAL SCIENCES  
AGRICULTURAL EXPERIMENT STATIONS  
SOIL SCIENCE DEPARTMENT  
1105 UNIVERSITY AVENUE  
GAINESVILLE, FLORIDA 32611-0410

FLORIDA DEPARTMENT OF AGRICULTURE AND MEAT INDUSTRY

ORANGE COUNTY, FLORIDA

UNIVERSITY OF FLORIDA  
INSTITUTE OF FOOD AND AGRICULTURAL SCIENCES  
AGRICULTURAL EXPERIMENT STATIONS  
SOIL SCIENCE DEPARTMENT  
1105 UNIVERSITY AVENUE  
GAINESVILLE, FLORIDA 32611-0410

### SOIL LEGEND

Map units are numbered in order of their soil texture. The symbols for the soil textures are as shown in the legend. The symbols for the soil textures are as shown in the legend. The symbols for the soil textures are as shown in the legend.

SYMBOL	NAME	ALPHABETICAL	EMPHASIS
1	Arden fine sand, 0 to 5 percent silt	Arden	1
2	Arden fine sand, 5 to 10 percent silt	Arden	2
3	Arden fine sand, 10 to 15 percent silt	Arden	3
4	Arden fine sand, 15 to 20 percent silt	Arden	4
5	Arden fine sand, 20 to 25 percent silt	Arden	5
6	Arden fine sand, 25 to 30 percent silt	Arden	6
7	Arden fine sand, 30 to 35 percent silt	Arden	7
8	Arden fine sand, 35 to 40 percent silt	Arden	8
9	Arden fine sand, 40 to 45 percent silt	Arden	9
10	Arden fine sand, 45 to 50 percent silt	Arden	10
11	Arden fine sand, 50 to 55 percent silt	Arden	11
12	Arden fine sand, 55 to 60 percent silt	Arden	12
13	Arden fine sand, 60 to 65 percent silt	Arden	13
14	Arden fine sand, 65 to 70 percent silt	Arden	14
15	Arden fine sand, 70 to 75 percent silt	Arden	15
16	Arden fine sand, 75 to 80 percent silt	Arden	16
17	Arden fine sand, 80 to 85 percent silt	Arden	17
18	Arden fine sand, 85 to 90 percent silt	Arden	18
19	Arden fine sand, 90 to 95 percent silt	Arden	19
20	Arden fine sand, 95 to 100 percent silt	Arden	20
21	Arden fine sand, 100 to 105 percent silt	Arden	21
22	Arden fine sand, 105 to 110 percent silt	Arden	22
23	Arden fine sand, 110 to 115 percent silt	Arden	23
24	Arden fine sand, 115 to 120 percent silt	Arden	24
25	Arden fine sand, 120 to 125 percent silt	Arden	25
26	Arden fine sand, 125 to 130 percent silt	Arden	26
27	Arden fine sand, 130 to 135 percent silt	Arden	27
28	Arden fine sand, 135 to 140 percent silt	Arden	28
29	Arden fine sand, 140 to 145 percent silt	Arden	29
30	Arden fine sand, 145 to 150 percent silt	Arden	30
31	Arden fine sand, 150 to 155 percent silt	Arden	31
32	Arden fine sand, 155 to 160 percent silt	Arden	32
33	Arden fine sand, 160 to 165 percent silt	Arden	33
34	Arden fine sand, 165 to 170 percent silt	Arden	34
35	Arden fine sand, 170 to 175 percent silt	Arden	35
36	Arden fine sand, 175 to 180 percent silt	Arden	36
37	Arden fine sand, 180 to 185 percent silt	Arden	37
38	Arden fine sand, 185 to 190 percent silt	Arden	38
39	Arden fine sand, 190 to 195 percent silt	Arden	39
40	Arden fine sand, 195 to 200 percent silt	Arden	40
41	Arden fine sand, 200 to 205 percent silt	Arden	41
42	Arden fine sand, 205 to 210 percent silt	Arden	42
43	Arden fine sand, 210 to 215 percent silt	Arden	43
44	Arden fine sand, 215 to 220 percent silt	Arden	44
45	Arden fine sand, 220 to 225 percent silt	Arden	45
46	Arden fine sand, 225 to 230 percent silt	Arden	46
47	Arden fine sand, 230 to 235 percent silt	Arden	47
48	Arden fine sand, 235 to 240 percent silt	Arden	48
49	Arden fine sand, 240 to 245 percent silt	Arden	49
50	Arden fine sand, 245 to 250 percent silt	Arden	50
51	Arden fine sand, 250 to 255 percent silt	Arden	51
52	Arden fine sand, 255 to 260 percent silt	Arden	52
53	Arden fine sand, 260 to 265 percent silt	Arden	53
54	Arden fine sand, 265 to 270 percent silt	Arden	54
55	Arden fine sand, 270 to 275 percent silt	Arden	55
56	Arden fine sand, 275 to 280 percent silt	Arden	56
57	Arden fine sand, 280 to 285 percent silt	Arden	57
58	Arden fine sand, 285 to 290 percent silt	Arden	58
59	Arden fine sand, 290 to 295 percent silt	Arden	59
60	Arden fine sand, 295 to 300 percent silt	Arden	60
61	Arden fine sand, 300 to 305 percent silt	Arden	61
62	Arden fine sand, 305 to 310 percent silt	Arden	62
63	Arden fine sand, 310 to 315 percent silt	Arden	63
64	Arden fine sand, 315 to 320 percent silt	Arden	64
65	Arden fine sand, 320 to 325 percent silt	Arden	65
66	Arden fine sand, 325 to 330 percent silt	Arden	66
67	Arden fine sand, 330 to 335 percent silt	Arden	67
68	Arden fine sand, 335 to 340 percent silt	Arden	68
69	Arden fine sand, 340 to 345 percent silt	Arden	69
70	Arden fine sand, 345 to 350 percent silt	Arden	70
71	Arden fine sand, 350 to 355 percent silt	Arden	71
72	Arden fine sand, 355 to 360 percent silt	Arden	72
73	Arden fine sand, 360 to 365 percent silt	Arden	73
74	Arden fine sand, 365 to 370 percent silt	Arden	74
75	Arden fine sand, 370 to 375 percent silt	Arden	75
76	Arden fine sand, 375 to 380 percent silt	Arden	76
77	Arden fine sand, 380 to 385 percent silt	Arden	77
78	Arden fine sand, 385 to 390 percent silt	Arden	78
79	Arden fine sand, 390 to 395 percent silt	Arden	79
80	Arden fine sand, 395 to 400 percent silt	Arden	80

### CONVENTIONAL AND SPECIAL SYMBOLS LEGEND

SYMBOL	DESCRIPTION
1	Arden fine sand, 0 to 5 percent silt
2	Arden fine sand, 5 to 10 percent silt
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This map survey was compiled by the U. S. Department of Agriculture, Soil Conservation Service, and is published as a special. The data are derived from 1:25,000 scale photography. Contours and spot elevations, if shown, are approximate positions.

ORANGE COUNTY, FLORIDA, NO. 42





The soil survey map was prepared by the U. S. Department of Agriculture, Soil Conservation Service, and cooperating agencies. This map is prepared from soil survey data collected by the U. S. Department of Agriculture, Soil Conservation Service, and cooperating agencies. This map is prepared from soil survey data collected by the U. S. Department of Agriculture, Soil Conservation Service, and cooperating agencies. This map is prepared from soil survey data collected by the U. S. Department of Agriculture, Soil Conservation Service, and cooperating agencies.

ORANGE COUNTY, FLORIDA NO. 54



# Transportation

## Goals, Objectives, Policies

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GOAL 2: A safe and efficient transportation system shall be available for all residents, businesses, and visitors to the City of Edgewood. Edgewood shall coordinate multimodal transportation options on a multi-jurisdictional basis.

OBJECTIVE 2.1: ~~The City shall adopt roadway facility capacities and level of service standards to ensure the operation of a safe, convenient and efficient transportation system. The City does not control roadways within the City other than those classified as local roads. Due to this, the City recognizes the authority of FDOT and Orange County over such roads within the City. The City adopts, by reference, the Metropolitan Planning Organization (MPO) Long Range Transportation Plan (LRTP), "The 2030 Long Range Transportation Plan" adopted by the MPO on August 12, 2009 and amended November 10, 2010, July 20, 2011, and July 11, 2012 as the City's 20-year roadway improvement program, as related to the City of Edgewood. This Plan includes the 10-year Capital Improvement Schedule, a 5-year Capital Improvement Program, state roadway projects, and other needed city/county transportation improvement projects inclusive of proposed partnership projects.~~

Through development proposal review and coordination with the transportation providers, the City shall ensure the operation of a safe, convenient, and efficient transportation system that appropriately accommodates all modes of person travel and product delivery including, but not necessarily limited to single and multi-occupant vehicles, autonomous vehicles, pedestrians, wheel chairs, bicycles and other non-motorized vehicles.

Policy 2.1.1 ~~The City shall maintain for the purpose of issuing building permits and development orders the following generalized peak hour levels of service (LOS) for each of the following roadway facilities, consistent with the level of service policies of Orange County and the Florida Department of Transportation (FDOT):~~

Roadway	Functional	Minimum	Current
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	Classification	Standard LOS	Operating LOS
Orange Ave. (at Holden) (SR 527)	Principal arterial urban	E	C
Orange Ave. (at one way pair) (SR 527)	Principal arterial urban	E	C
Hansel Ave.(SR 527)	Principal arterial urban	E	B
Gatlin Ave.	Urban collector	E	C
Holden Ave.	Minor arterial urban	E	C

Policy 2.1.1. The City shall require a developer to assess the impacts of a proposed development on the transportation system within the City, including the roads, transit, sidewalks, and bike paths and identify implementation strategies to mitigate any negative impacts that will be created by the proposed development.

Furthermore, since the City does not control roadways within the City other than those classified as local roads, or the transit system, any proposed mitigation strategy for roads or transit shall be coordinated with the applicable governmental agency as identified in the table below.

Strategies accepted by the City shall be included in the development order.

<u>Transportation System</u>	<u>Coordinating Agency</u>
<u>Principal Arterials</u>	
<u>State Road 527</u>	<u>FDOT</u>
<u>Minor Arterials (urban)</u>	
<u>Holden Avenue</u>	<u>Orange County</u>
<u>Hoffner Avenue</u>	<u>Orange County</u>
<u>Urban Collector</u>	
<u>Gatlin Avenue</u>	<u>Orange County</u>
<u>All Other Intersections</u>	
	<u>City of Edgewood</u>
<u>Transit</u>	
<u>Bus</u>	<u>LYNX</u>
<u>Commuter Rail</u>	<u>FDOT</u>
<u>Pedestrian, Wheel Chairs, Other non-motorized vehicles, or other vehicles intended for sidewalk use</u>	<u>City of Edgewood, Orange County, FDOT</u>

Policy 2.1.1.a The City shall assign the Functional Classification of roads within the City consistent with FDOT’s assignments.

- Policy 2.2.1.b All development layouts shall be designed to meet the travel needs of persons of all abilities as well as the different modes and technological advances for person travel and product delivery.
- Policy 2.1.1.c The City shall adopt a standard methodology and guidelines for the transportation impact assessment by November 2022.
- Policy 2.1.1.d Implementation of transportation mitigation strategies that are not determined to be needed for safe and adequate access to the development may be credited against the transportation impact fees.
- Policy 2.1.1.e The City shall adopt changes to the City’s current land development regulations to require the provision of bicycle parking and increased sidewalk and crosswalk widths in all commercial, office, and multifamily zoning districts.
- Policy 2.1.1.f Construction of government facilities, including transit facilities, shall be exempt from the transportation network review.
- Policy 2.1.2 Traffic signalization, roadway signage, and operational capacities shall be designed by the following methods to optimize traffic flow and enhance the levels of service throughout the roadway network on City controlled streets:
- A) Traffic signals being computer-coordinated or fully actuated to effect optimal flow to the maximum extent possible;
  - B) Roadway signage conforming to the Manual of Uniform Traffic Control Devices (M.U.T.C.D.) and providing a safe, clear indication of roadway design geometrics, traffic hazards, upcoming roadways, and other applicable standards;
  - C) Roadway intersection design including adequate storage lanes and turning lanes to facilitate movement through intersections; and,
  - D) Pedestrian and bicyclist safety.
- ~~Policy 2.1.3 The City will continue to cooperate coordinate with the FDOT and Orange County to ensure optimal transportation flow on SR 527, with the primary focus being the realignment of Holden Avenue with Gatlin Avenue. The City shall work toward amending in compliance with the Metropolitan Planning Organization Long Range Transportation Plan, Project Priority List, and the FDOT 5-year Plan to advance the project.~~

OBJECTIVE 2.2: High accident locations along roadway links and intersections shall be minimized on a continual basis and reported annually.

Policy 2.2.1 The City will coordinate with the FDOT, Metro Plan Orlando, the Community Traffic Safety Team, and other agencies responsible for accident reduction programs and projects to implement accident reduction programs.

Policy 2.2.2 The City shall support planning activities for pedestrian and bicyclist safety by prioritizing new sidewalks and capital improvements that address identified safety issues.

Policy 2.2.3 The City shall support Safe Routes to School Planning, to ensure safe pedestrian and bicyclist access to schools.

Policy 2.2.4 On arterial and collector roadways, bicycle facilities, pedestrian walkways, and associated facilities shall be included as integral components of roadways, with priority of implementation being oriented to the establishment of networks along roadways between residential centers and schools, employment and retail commercial areas, and recreation and other public facilities. The following criteria and procedures shall be followed in the adoption of an ordinance:

A) Bicycle facilities being considered as components of standard design criteria for new and reconstructed roadway facilities, except for expressways and freeways, in urban areas pursuant to the requirements of s. 335.065, F.S.

B) Identification and implementation of the relative priorities of need for the construction of bicycle and pedestrian walkway facilities along existing transportation corridors as a means of travel between residential areas, schools, employment and retail centers, recreational areas and other public facilities, with the prioritization being based on:

1. Extent of existing and projected need and use;
2. Existing public safety problems;
3. Available rights-of-way and constraints affecting the acquisition of additional rights-of-way;
4. Financial feasibility and capabilities; and
5. Implementation schedules in adopted bikeway plans.

- C) Bicycle safety classes shall be developed for inclusion in the curriculum of grades K-6 by local safety personnel for periodic presentation as part of other safety programs.

**OBJECTIVE 2.3:** Development shall bear the full burden of the cost of roadway improvements necessitated by impacts to the roadway network that are caused by traffic generated by that development and pedestrian and transit amenities that reduce impacts to the roadway network.

**Policy 2.3.1** The principle of equitable cost participation shall be used in the following manner as a guide in development approval decisions, including allocation of costs among private parties benefiting from or creating the need for transportation improvements:

- A) New development being required to pay its fair share as a condition for development approval, based on impact fees, special assessments or mitigation corresponding to impacts
- B) Existing unmet needs being identified, to include an assessment of the need and estimated cost of fulfillment. This shall be accomplished on an annual basis.
- C) Existing land uses and activities that benefit from better access being required to participate in the cost of the transportation improvement in the form of user fees or special assessments. New construction located on land improved with better access may be required to pay a pro-rata share of the cost.
- D) Provisions being made in development orders to include the mitigation of adverse impacts on the state highway system.

**OBJECTIVE 2.4:** Provisions shall be maintained to ensure safe and adequate movement of pedestrians and bicyclists. The City shall seek to lower bicycle and pedestrian accidents by 5% annually. This shall apply to arterial roads only.

**Policy 2.4.1** Adequate pedestrian circulation and safety shall be considered as a required component of highway system management, with implementation and required construction through traffic analysis and roadway improvements, to include:

- A) Pedestrian movement and safety studies being required by the City to determine high travel patterns and accident areas.

- B) Remedial actions being taken by the City to mitigate safety problems where conditions have been determined to be unacceptable;
- C) Sidewalks being provided along new and existing roadways in or near residential areas which lead to: a) transit stops; b) school; and c) commercial activities. centers; and d) employment centers.
- D) Adoption by the City of land development code standards requiring the provision of bicycle parking in commercial, office, and multifamily development within the City.

OBJECTIVE 2.5: Transportation improvement requirements, if applicable, shall be continually coordinated with other affected governmental entities to ensure that the most efficient and cost effective course of action is followed. A yearly assessment shall be made to measure the amount of intergovernmental coordination that has occurred based upon the number of agreements consummated.

Policy 2.5.1 Interlocal solutions to the transportation needs and problems of the city shall be accomplished through the coordination of transportation improvements with local, MPO, regional and state plans. Adherence to this policy requires, at a minimum that consideration be given to:

1. Coordinating actions or interlocal agreements between local government entities (including MPOs where applicable) being undertaken for the purposes of:
2. Addressing the transportation impacts of a development project in one jurisdiction on an adjacent jurisdiction. Determination of the extent of impact should be based upon actual traffic loadings contributed by the project;
3. Coordinating or assisting in the development of the transportation elements of comprehensive plans as required by s.163.3177, F.S.;
4. Coordinating interagency review procedures; and
5. Ensuring that transportation planning and programming are continuing and part of the comprehensive planning process in the region.

Policy 2.5.2 The City will discourage urban flight and urban sprawl by precluding major expressways through the City.

OBJECITVE 2.6: Transportation planning shall be coordinated with the future land uses shown on the Future Land Use Map of this Plan, the MetroPlan Orlando (MPO) Long-range Transportation Plan (LRTP), FDOT 5-Year Transportation Plan, and plans of neighboring jurisdictions.

Policy 2.6.1 The City shall review updates to the LRTP and FDOT 5-Year Transportation Plan for consistency with this element.

Policy 2.6.2 The City shall review, for compatibility with this element, the transportation plans of neighboring municipalities as they are amended in the future.

Policy 2.6.3 The following level of service standards are adopted for planning purpose.

<u>Roadway</u>	<u>Functional Classification</u>	<u>Minimum Standard LOS</u>
<u>Orange Ave. (at Holden) (SR 527)</u>	<u>Principal arterial urban</u>	<u>E</u>
<u>Orange Ave. (at one-way pair) (SR 527)</u>	<u>Principal arterial urban</u>	<u>E</u>
<u>Hansel Ave.(SR 527)</u>	<u>Principal arterial urban</u>	<u>E</u>
<u>Gatlin Ave.</u>	<u>Urban collector</u>	<u>E</u>
<u>Holden Ave.</u>	<u>Minor arterial urban</u>	<u>E</u>

Policy 2.6.4 The City will continue to cooperate coordinate with the FDOT and Orange County to ensure optimal transportation flow on SR 527, with the primary focus being the realignment of Holden Avenue with Gatlin Avenue. The second focus will be construction of a landscaped median within the Orange Avenue right-of-way. The City shall work toward amending the Metropolitan Planning Organization Long Range Transportation Plan, Project Priority List, and the FDOT 5-year Plan to advance these projects.

OBJECITVE 2.7: Edgewood shall coordinate planning and implementation with all appropriate jurisdictional entities for different modes of transportation in order to reduce the dependence on automobile travel, ~~achieve acceptable traffic LOS~~ and provide safe, efficient and integrated alternative transportation systems.

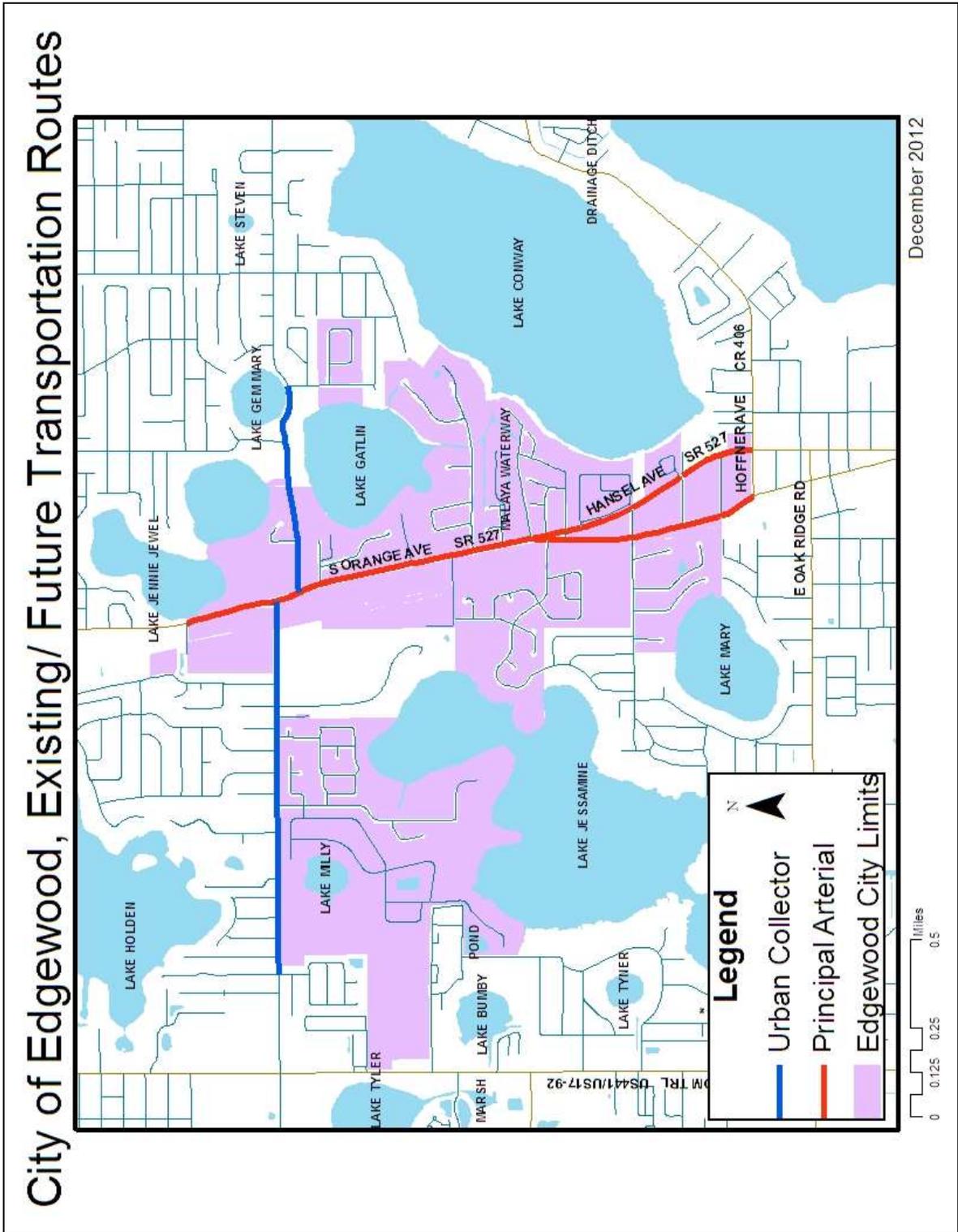
Policy 2.7.1 Edgewood shall coordinate with Orange County and all adjacent local governments for the planning, adoption and implementation of bicycle commuter routes.

Policy 2.7.2 Edgewood shall support the adoption of and integrate its transportation planning with improvements to the High Occupancy Vehicle (HOV) services

and transit services, including services for the transportation disadvantaged, within the City provided by LYNX.

- Policy 2.7.3 In order to provide an efficient and cost-effective alternative mode of transportation, Edgewood shall support ~~a light rail system~~ for commuter travel in an exclusive transit corridor.
- Policy 2.7.4 Edgewood shall support the SunRail Interlocal Agreement by and among FDOT, Orange County, Osceola County, Seminole County, and Volusia County; and the applicable cities that entered into the same.
- Policy 2.7.5 Edgewood establishes an exclusive mass transit corridor running through the City west of, but parallel to and including, the existing CSX rail line right-of-way.
- Policy 2.7.6 Edgewood shall preserve and protect the exclusive transit corridor in order to support and encourage the provision of alternative transportation modes to automobile travel and to enhance the quality of life of its citizens.
- Policy 2.7.7 The City will actively work with Orange County and FDOT, the MPO, and other applicable agencies to establish a commuter rail station in the City.

# Existing and Future Transportation Map



## Housing

### Goals, Objectives, Policies

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**GOAL 3:** To encourage the provision of quality housing that is available and affordable to current and future residents of the City.

**OBJECTIVE 3.1:** The City shall continue to make provision of housing for all current and anticipated future residents of the jurisdiction. This will be accomplished through the implementation of land development regulations, code requirements, and housing programs involving public and private sector entities.

**Policy 3.1.1** Establish or maintain future land use designations and zoning classifications that allow for flexibility inland use design and housing types.

**Policy 3.1.2** Maintain and enhance the quality of existing neighborhoods by upgrading the supporting infrastructure and facilities where feasible and necessary, including: paved public road access; stormwater flood protection; solid waste collection service; sidewalks, and electric utility service.

**Policy 3.1.3** The City will expedite development review and streamline development processes to assist in increasing flexibility of development and redevelopment within the City.

**Policy 3.1.4** Ensure the quality of future housing and maintain the quality of existing housing by enforcing the adopted building codes and by maintaining an active and qualified Code Enforcement Department.

**Policy 3.1.5** Chapter 13 of the Florida Building Code: Florida Energy Efficiency shall be enforced, with regard to housing construction and maintenance, and maintained through adoption of subsequent revisions.

**Policy 3.1.6** Codes requiring landscaping and maintenance of external grounds shall be added to the building codes in order to maintain the quality of housing units and neighborhoods.

**Policy 3.1.7** Revisions to the land development regulations will include streamlining of regulations and procedures, when applicable, to maintain regulations and

standards to protect the health, safety, and welfare of the City's residents. Under the streamlined procedures, the City would require that facility commitments be submitted concurrent with permit applications. Commitments would be required from the following service providers: Potable Water: Orlando Utilities Commission Wastewater: Orange County Solid Waste: Orange County and applicable company provide solid waste services to the City Transportation: Orange County/FDOT

Policy 3.1.8 The City will work with Orange County and other applicable agencies to make information available to the elderly and low-income families regarding the various programs available to assist them in locating suitable affordable housing.

Policy 3.1.9 The City of Edgewood will work with public and private agencies involved in the provision of affordable housing to inform the public of programs that exist in Edgewood through these agencies.

Policy 3.1.10 The City shall continue to encourage members of the home building profession, financial institutions, real estate firms and community organizations to adopt coordinated affirmative marketing plans that comply with the Federal Fair Housing requirements.

Policy 3.1.11 The City will support regional efforts to address low income and work force housing by working with Orange County to coordinate housing assistance programs.

OBJECTIVE 3.2: Continue to ensure that all housing in Edgewood will be maintained in standard condition, and that housing that is substandard will be rehabilitated or demolished.

Policy 3.2.1 If housing units become substandard, the City shall work with the property owner/developer for identified units which should be rehabilitated and those which have to be demolished, to ensure the development process is streamlined. Rehabilitation shall be preferable to demolition wherever economically feasible. Housing units suitable for rehabilitation are those which have significant interior or exterior structural problems, but where the cost of rehabilitation does not exceed the market value of the unit.

Policy 3.2.2 Very low, low, and moderate-income families who have homes which can be rehabilitated shall be informed by the Building Department at the times their

homes are inspected of the government programs available to offer financial assistance for rehabilitation.

Policy 3.2.3 Maintain an active code enforcement program to ensure that housing is kept in standard condition

OBJECTIVE 3.3: Provide sufficient adequately zoned sites for low and moderate income housing, group homes, foster care facilities and manufactured homes, consistent with state law.

Policy 3.3.1 The City will revise the zoning code to allow group home facilities consistent with Section 393.063(17), Florida Statutes, or its successor provisions.

Policy 3.3.2 Manufactured homes will be allowed in the City consistent with Ch. 320 and Ch. 553, F.S.

OBJECTIVE 3.4: Provide uniform and equitable treatment consistent with Sec. 421.55 F.S. for persons displaced by state and local government programs.

Policy 3.4.1 Assure that reasonably located, standard housing at affordable costs is available to persons displaced through public action prior to their displacement.

OBJECTIVE 3.5: Promote historically significant housing to be preserved and protected, encouraging the preservation of neighborhood quality.

Policy 3.5.1 The City will assist in the submittal of applications for the housing units which have been designated as part of a locally significant historic district to be included on the Florida Master Site File, by providing information regarding submittal to the owners of these properties.

Policy 3.5.2 Assist owners of historically significant housing to apply for and utilize state and federal assistance programs.

## Public Facilities

### Goals, Objectives, Policies

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**GOAL 4: Public Facilities In General.** Public facilities shall be provided in a manner which protects investments in existing facilities and promotes orderly, compact urban growth, and discourages urban sprawl.

- Wastewater.** The City of Edgewood will continue to receive wastewater treatment service from Orange County to meet existing and projected demands identified in this Plan.
- Drainage.** The design, construction, and maintenance of the stormwater drainage system will protect property from the hazards of flooding, preserve desirable water quality conditions, and, to the maximum extent feasible, preserve the existing natural systems that serve the function of minimizing the need for structural stormwater drainage facilities while improving overall water quality conditions.
- Potable Water.** Edgewood will continue to receive potable water service from the Orlando Utilities Commission.
- Solid Waste.** The City will provide solid waste collection service to the residents of Edgewood by contracting with a private company.

**OBJECTIVE 4.1:** The City will continue to implement procedures to ensure that at the time a development permit is issued, adequate facility capacity is available or will be available when needed to serve the development.

**Policy 4.1.1** The following level of service (LOS) standards are hereby adopted, and shall be used as the basis for determining the availability of facility capacity and the demand generated by a development. Methods for determining available capacity and demand should incorporate peak demand coefficients for each facility and each type of proposed development.

FACILITY	LOS STANDARD
WASTEWATER TREATMENT PLANT Orange County	(a) 225 gpd per equivalent residential connection (b) quality of treatment is in compliance with FDEP effluent parameters

DRAINAGE Edgewood and Orange County		Drainage LOS: all storms are a 24-hour duration
	Facility	Design Storm
	Bridges	50 year
	Canals, ditches or culverts for drainage external to the development	25 year
	Cross drains, storm sewers	10 year
	Roadside swales for drainage internal to the development	10 year
	Detention/Retention basins	25 year
	Retention/Detention basins (no positive outfall)	meet pre and post development runoff volumes and rates for the 25-year, 96-hour storm event
	Water Quality	For a dry retention system retain 0.5 inch of runoff from the contributing basin or 1.25 inches of runoff from impervious areas, whichever is greater, plus half an inch of runoff from the contributing basin. For a wet detention system detain 1 inch of runoff from the contributing basin or 2.5 inches of runoff from the impervious areas, whichever is greater.
	Stormwater quantity	post development stormwater runoff flow rates, peaks, and velocities shall be equal to or less than levels which existed prior to development for the, 25 year, 24 hour storm event
	Stormwater quality	no degradation of existing water quality conditions in receiving waterbodies below the minimum conditions necessary to ensure the suitability of the water for the designated use of its classification as established in Ch. 17-302, F. A. C.
POTABLE WATER Orlando Utilities Commission		City of Edgewood 325 gallons/dwelling unit/day (without reclaimed water) LOS based on City of Orlando Comprehensive Plan, 2009

	Note: Edgewood does not have storage facilities for potable water
SOLID WASTE	Disposal: Orange County Landfill Edgewood Contribution Rate: 6.0 lbs per day per person <del>Collection: Edgewood (franchise) two at least once/week, each household</del> LOS based on Orange County Comprehensive Plan, (2012) Solid Waste level of service.

Policy 4.1.2 Public services will be operated so as to be consistent with the urban growth policies of the Future Land Use Element of this Plan and the 10-year water supply facilities work plan. Provision of wastewater, drainage, potable water, and solid waste services will be limited to:

- a) the service areas shown for wastewater and drainage in the support documents of this Plan;
- b) Contractual agreements with Orange County for solid waste disposal and the Orlando Utilities Commission for potable water service;
- c) and to areas where the City has legal commitments to provide facilities and services as of the adoption of this Plan.

OBJECTIVE 4.2: Through the annual review process of the Capital Improvements Element as outlined in Policies 8.1.3, 8.1.4, 8.1.5 and 8.2.2, the City will ensure that the provision of public facilities will be consistent with the land uses described in the Future Land Use Element and the five-year schedule of capital improvements contained in the Capital Improvements Element.

Policy 4.2.1 The criteria for evaluating capital improvement projects will be applied to public facility projects in order to discourage urban sprawl and maximize the use of existing facilities consistent with Policies 8.1.4 and 8.1.5.

Policy 4.2.2 The City will maintain a five-year schedule of capital improvements to include public facility projects the City is responsible for; the schedule will be updated annually, consistent with Policy 8.6.1.

OBJECTIVE 4.3: Projects to expand public facilities to meet future needs, as identified in the Capital Improvements Element, will be coordinated with the Future Land

Use Element, the Capital Improvements Element, and other governmental jurisdictions as appropriate.

- Policy 4.3.1 Projects designated as meeting future needs will be assigned to the Capital Improvements Schedule when the following criteria are demonstrated:
- 1) consistency with the Future Land Use Element and the growth management strategies of the Plan and,
  - 2) fiscal resources are available.

## **Wastewater**

OBJECTIVE 4.4: Capacity - The City will continue to coordinate with Orange County to maintain sufficient design capacity to meet existing and projected flow rates for the City throughout the planning period.

Policy 4.4.1 Projected flow rates are calculated by the facility service provider. The City will cooperate with the service provider to update calculations as needed based on population and land use changes.

Policy 4.4.2 Developers will be required to obtain a letter from Orange County guaranteeing wastewater service before a development order will be issued by the City.

OBJECTIVE 4.5: Development - Throughout the planning period, future development within the incorporated limits of the City will be considered for approval only if it is compatible with the County's wastewater treatment plans.

Policy 4.5.1 The City will require all new collection lines and lift stations constructed by public and private developers to be constructed according to County standards, and, at the County's option, to be dedicated to the County.

Policy 4.5.2 The City will require the total costs (extension of lines, alterations to lift stations and the cost of plant capacity) for providing new wastewater service to be borne by the specific users of the service system, in coordination and consistent with Orange County planned and funded improvements.

OBJECTIVE 4.6: Intergovernmental Coordination - Throughout the planning period, the City will participate in intergovernmental discussions related to the provision of wastewater service and disposal of treated wastewater effluent within Orange County.

Policy 4.6.1 The City will coordinate with Orange County to encourage support of all of the wastewater objectives and policies relevant to the provision of service in the City.

## **Drainage**

OBJECTIVE 4.7 The City will protect, or improve the quality of surface drainage waters being discharged from existing and future drainage systems in the City so that such discharges do not contribute to the degradation of water quality conditions.

Policy 4.7.1 Stormwater management standards that require stormwater runoff flow rates and velocities at or less than levels that existed prior to development will be established and implemented for all new development and redevelopment within the City.

Policy 4.7.2 The City's land development regulations, site design standards and other pertinent regulatory requirements will be reviewed and amended as necessary for comprehensive coverage of all forms of land development activities within the City and to be in conformance with the various policies of this Comprehensive Plan, and will be used by the City in the review of all project applications for development approval and permitting in the City.

Policy 4.7.3 New points of stormwater discharges into receiving water bodies will not be allowed to occur without the provision of levels of treatment, either onsite or at an off-site facility, which prevent the degradation of the receiving water body below the minimum conditions necessary to ensure the suitability of the water for the designated use of its classification as established in Ch. 17-302, F.A.C.

Policy 4.7.4 Each new development will be reviewed by the City for the purpose of evaluating potential impacts of new development on the primary drainage system and the natural drainage features in the vicinity, with review criteria including but not being limited to evaluations of the extent to which:

- a) Project-related land clearing, grading and site construction activities will affect water quality conditions in receiving surface water bodies;
- b) The project increases stormwater-conveyed pollutant loadings as compared to predevelopment conditions;

- c) Potential impacts are reduced by best management practices for stormwater runoff;
- d) Project development will result in the removal of shoreline or wetland vegetation;
- e) Habitats of rare, threatened or endangered species, or species of special concern will be affected or impacted by project development;
- f) Groundwater table elevations will be affected by project development; and
- g) On-site wetlands are incorporated into the development's surface water management system.

The evaluation's findings will be used to determine whether each project is in conformance with adopted standards, or what modifications or mitigative actions are needed to bring the project into compliance.

Policy 4.7.5 The City will develop a procedure for offering land developers the option of funding off-site stormwater treatment and conveyance facilities as an alternative to meeting on-site stormwater runoff treatment requirements.

Policy 4.7.6 The City will adopt, or amend where necessary, ordinances requiring that all development involving the rebuilding, or rehabilitation of existing structures which would expand the existing facility more than 25% of its existing square footage shall include stormwater treatment measures pursuant to this Comprehensive Plan, unless site constraints would limit the ability to comply with the Comprehensive Plan.

OBJECTIVE 4.8 All surface drainage systems under the City's authority shall receive the operation and maintenance necessary for the effective accomplishment of their intended water management functions.

Policy 4.8.1 Surface water management system components on City owned or operated facilities will be inspected and maintained on at least an annual basis, based on financial feasibility.

Policy 4.8.2 Drainage needs assessment investigations will be conducted by the City for any areas within the City that are experiencing flooding problems, for the

purpose of determining the nature and extent of the flooding problems, and the possible actions that will be taken to alleviate the problems.

Policy 4.8.3 Proposed development plans will be thoroughly reviewed by the City to ensure that new development does not adversely impact surrounding properties by altering drainage patterns and water storage capabilities so that increased volumes of water are discharged onto the properties or that surface drainage flows from the properties are not impeded or retarded so as to create or contribute to flooding or diminished land usage, unless such lands have been purchased or designated by the City for surface water storage purposes.

Policy 4.8.4 One measure of flood control for new development will be implemented by the City through the limitation of fill in the 100-year floodplain. In cases where there are no alternatives to fill in the floodplain, compensatory storage for such fill will be provided through excavation in adjacent upland areas (above the 100-year floodplain) of a volume equivalent to the loss of storage within the 100-year floodplain resulting from the placement of fill, where such compensatory storage do not conflict with FDEP or SJRWMD requirements.

OBJECTIVE 4.9 The City will continue effective levels of intergovernmental coordination on the planning, design, construction and operation of surface drainage systems of multiple governmental usage or responsibility with other affected governmental agencies.

Policy 4.9.1 Interagency staff coordination through formal and informal means such as interlocal agreements, jointly sponsored projects, watershed working groups and established staff-to-staff liaison will be maintained with Orange County and other governmental agencies regarding downstream drainage capacities so as to ensure that flooding problems are not created by insufficient downstream flow capacity limitations.

Policy 4.9.2 Information about the City's surface water management system will be provided to the county as requested for use in the planning, design and implementation of county-operated drainage systems.

Policy 4.9.3 The City will actively participate in intergovernmental coordination efforts regarding water quality management.

- Policy 4.9.4 The City will actively participate in the preparation of applicable Surface Water Improvement and Management (SWIM) plans being undertaken by the St. Johns River Water Management District which will involve or include land areas in the City or water bodies affected by drainage from the City.
- OBJECTIVE 4.10 The City will protect and preserve existing wetlands as viable components of the City's surface water management systems by disallowing development in wetlands, unless otherwise permitted by the SJRWMD and / or USACOE. In addition, the City will not allow development in the 100-year floodplain, unless consistent with Policy 4.8.4.
- Policy 4.10.1 Public infrastructure improvements that encourage the development of wetlands will not be allowed for the purpose of protecting and preserving wetland areas.
- Policy 4.10.2 The City will not encourage applications for the annexation of predominantly wetland areas, unless an identified public purpose is served by the annexation action.
- Policy 4.10.3 The City will use scenic, drainage, flood control, wetland, conservation .or other easements or rights-of-way to preserve and protect natural drainage features and similar lands.
- Policy 4.10.4 The design return frequency storm event used for calculating rainfall runoff volumes and storage needs will be consistent with Policy 4.1.1 of this element.
- Policy 4.10.5 Stormwater management systems serving new development in the City will be required by the City to employ the most efficient and cost effective pollution control techniques available, consistent with or more restrictive than state and St. Johns River Water Management District regulations, standards and design criteria.
- Policy 4.10.6 Individual on-site stormwater treatment facilities will be inspected following their construction. A yearly inspection will be conducted by qualified personnel to ensure operation and maintenance is compliant with the SJRWMD and FDEP requirements.

## **Potable Water**

OBJECTIVE 4.11 The City of Edgewood will maintain an agreement with the Orlando Utilities Commission for potable water service.

Policy 4.11.1 The City will coordinate with the Orlando Utilities Commission to establish a potable water agreement that will include all necessary legal requirements, rates, service area specifications and relevant information pertinent to the provision of potable water service to the residents of Edgewood.

Policy 4.11.2 The City will continue to require that development projects must obtain approval for potable water service from the Orlando Utilities Commission before a development permit may be issued.

Policy 4.11.3 Expansion of the distribution system will continue to be funded with user fees and connection charges in accordance with the requirements of the service provider.

OBJECTIVE 4.12 Water conservation measures will be included in development regulations and public information. These regulations and public information shall incorporate the Goals, Objectives, Policies of the Conservation Element that pertain to use of potable water.

Policy 4.12.1 City development regulations will be revised to include water conservation strategies, such but not necessarily limited to requiring the following:

~~a) Conservation strategies will include at least the following:—~~

a) Installation of water conserving plumbing fixtures in new or renovated building construction which are, at minimum, consistent with the requirements of the State Water Conservation Act;:-

b) Water reuse and / or reclamation, where available appropriate, for irrigation, industrial use and other appropriate non-potable water use applications;:-

c) ~~Require~~ New development to use natural vegetation and/or drought resistant plants; and,-

d) ~~Minimize the use of potable water by air/water heat pumps by adopting an ordinance based on the Air/Water Heat Pump~~ Applicable features of the Model Ordinance prepared by the St. Johns River Water Management District.

Policy 4.12.2            The City will support water conservation through participation in existing county, state and federal programs, as well as through actions described in Policy 4.12.1.

**Solid Waste**

OBJECTIVE 4.13 The City of Edgewood will maintain a franchise agreement for solid waste collection service.

Policy 4.13.1            The collection service will be operated with revenues from non – ad valorem taxes fees.

Policy 4.13.2            The City will evaluate the impact of proposed land development projects on the collection system.

OBJECTIVE 4.14 The City will coordinate with Orange County regarding processing and disposal of solid waste from the City of Edgewood at the Orange County solid waste facility, as well as participate with other agencies for safe disposal of waste.

Policy 4.14.1            The City will participate in state, county and local intergovernmental strategies to address hazardous waste disposal.

Policy 4.14.2            The City will participate in any future intergovernmental activities related to the expansion of the County solid waste disposal facility or other disposal alternatives to meet future needs.

## Conservation

### Goals, Objectives, Policies

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**GOAL 5:** Conserve, protect and appropriately manage the natural resources of the City of Edgewood to ensure the highest environmental quality practicable, as well as promote water conservation through practicing water conservation strategies.

### Water Quality Protection

**OBJECTIVE 5.1:** Surface and ground water quality in the City shall meet or exceed the minimum criteria set by the FDEP.

**Policy 5.1.1** The City shall use the site design standards contained in Ch. 62, F. A. C. and regulations for the control of stormwater runoff to ensure the adequate treatment of stormwater from all new development or redevelopment prior to its discharge to surface waters, in order to ameliorate the adverse effects of stormwater pollutants on fisheries habitats.

**Policy 5.1.2** The City shall identify means for reducing the volume of untreated stormwater discharged to surface waters in order to maintain the drainage water quality level of service as contained in Policy 4.1.1.

### Water Supply

**OBJECTIVE 5.2:** The City shall identify key areas to contribute to water conservation and smart use of water resources to ensure capacity can be achieved and quality maintained. The City will use OUC, Orange County, and the SJRWMD as resources in implementing non-facility based water supply and conservation programs.

**Policy 5.2.1** The City shall adopt specific standards which regulate the installation and operation of air/water heat pumps in a manner consistent with the County policy, in order to reduce the wasteful use of groundwater by such systems.

- Policy 5.2.2 In order to reduce the amount of water used in the irrigation of landscaping, the City shall encourage the use of native or drought resistant plants, as appropriate, in the landscaping of new development or redevelopment.
- Policy 5.2.3 The City shall encourage conservation of water by supporting the retrofit of low-volume plumbing fixtures in existing development, and by requiring the use of such fixtures in new development and redevelopment.
- Policy 5.2.4 The City shall assist the SJRWMD in the enforcement of the provisions of emergency water shortage plans at those times when an official emergency water shortage declaration is made by the SJRWMD Governing Board by posting water restriction information at City Hall.
- Policy 5.2.5 The City shall maintain a Water Supply Facilities Work Plan, with that plan reflecting that the City neither provides potable or non-potable water service or sanitary sewer service nor owns or maintains a potable water or wastewater system.
- Policy ~~5.3.7~~2.6 The City will encourage water conservation regulations that promote and encourage the use of low impact development techniques such as those that use the Florida Water Star Program.
- Policy ~~5.3.8~~2.7 The City will also evaluate creating incentive programs that encourage the installation of water-saving plumbing devices, such as indoor water audits and leak detection and will consider adopting regulations that require water-efficient landscaping for all new development projects and require functioning rain sensor devices on automatic irrigation systems, as well as overriding green lawn deed restrictions.
- Policy ~~5.3.9~~2.8 The City commits to using lower quality sources of water for non-potable needs when such sources (storm water, surface water, or reclaimed water) become available.
- Policy ~~5.3.10~~2.9 The City commits to implementing water conservation practices that include: ~~educational programs at schools;~~ observing “Water Conservation Month” through press releases and resolution; promoting water conservation and environmental education newsletters, as well as web-based newsletters; ~~and, enforcement of the Water Management District’s ‘permanent water conservation rule’.~~

Policy 5.2.10      The City shall encourage or participate in water conservation educational activities, such as observing water conservation month and newsletters.

## **Air Quality**

OBJECTIVE 5.3: Air quality in the City of Edgewood shall meet or exceed the minimum criteria set by the FDEP.

Policy 5.3.1      The City shall cooperate with the County, MetroPlan Orlando and the FDOT in the monitoring of transportation related air quality impacts, and the planning of improvements needed on regionally significant roadways to rectify observed or predicted air quality problems on those roads.

Policy 5.3.2      New development and roadways, whether public or private, shall be designed to accommodate and encourage alternative modes of transportation to the maximum extent practical. Appropriate measures may include, but are not limited to: construction of bicycle facilities along new roads; construction of pedestrian sidewalks along roads and within developments; provision of paved access to bus stops, bus shelters, bus pullout lanes, and other facilities for mass transit users.

Policy 5.3.3      The City shall encourage the establishment and usage of mass transit transportation alternatives in lieu of new roadways, wherever such alternatives cannot be shown to be impractical or infeasible, through inter-governmental coordination with the MetroPlan Orlando, the County, FDOT, and lynx.

Policy 5.3.4      In order to reduce peak traffic loads on roadways which contribute to air quality degradation, the City shall encourage government and private sector businesses to adopt alternative and/or flexible work schedules where they are practical.

Policy 5.3.5      The City shall prohibit any development that FDEP considers to be major air pollution source.

Policy 5.3.6      The City shall require all new developments to provide a statement on possible air quality impacts from construction and operation of the development.

- ~~Policy 5.3.7 — The City will encourage water conservation regulations that promote and encourage the use of low impact development techniques such as those that use the Florida Water Star Program.~~
- ~~Policy 5.3.8 — The City will also evaluate creating incentive programs that encourage the installation of water saving plumbing devices, such as indoor water audits and leak detection and will consider adopting regulations that require water-efficient landscaping for all new development projects and require functioning rain sensor devices on automatic irrigation systems, as well as overriding green lawn deed restrictions.~~
- ~~Policy 5.3.9 — The City commits to using lower quality sources of water for nonpotable needs when such sources (storm water, surface water, or reclaimed water) become available.~~
- ~~Policy 5.3.10 — The City commits to implementing water conservation practices that include: educational programs at schools; observing “Water Conservation Month” through press releases and resolution; promoting water conservation and environmental education newsletters, as well as web-based newsletters; and, enforcement of the Water Management District’s “permanent water conservation rule”.~~

## **Endangered And Threatened Species**

OBJECTIVE 5.4: Existing populations of endangered and threatened species within the City shall be protected and managed so as to maintain viable populations of any such species.

- Policy 5.4.1      Development approval in areas which have been identified as providing suitable habitat for listed species shall be contingent upon a review of the development site to determine whether any listed species are present and the development of a management plan which would protect any listed species which occur or are discovered on the development site.
- Policy 5.4.2      The City shall consult with the FWC and/or the FDEP in the review of listed species management plans prepared by private developers, and shall implement the recommendations of those agencies in the issuance of development orders to the greatest extent practicable.

## **Vegetative Cover And Wildlife Habitat**

**OBJECTIVE 5.5:** The City shall ensure that new developments protect, to the greatest extent feasible, natural vegetative communities to maintain the existing degree of wildlife and habitat diversity.

**Policy 5.5.1** The City shall require that natural vegetative communities be preserved intact (including canopy trees, shrub and herbaceous layer vegetation) in order to satisfy the requirements of open space regulations used in development site plan approval. Special emphasis should be given to protection of vegetative communities which: (a) may provide habitat for species listed by the USFWS, FWC or FNAI as endangered, threatened, rare or species of special concern; (b) are themselves considered endangered in State, regional or local habitat inventories; or (c) occur within the 100 year floodplain.

**Policy 5.5.2** The City shall not approve any development which proposes to destroy natural vegetative communities known to provide habitat to listed species until the developer has submitted a management plan which, in the opinion of the FWC and/or FDEP, limits adverse effects on the species to the greatest extent practicable.

**Policy 5.5.3** The City shall not approve any development which would adversely alter the ecological functions of freshwater wetlands or deepwater habitat. Ecological functions include:

- (a) provision of wildlife and fisheries habitat;
- (b) maintenance of in-stream flows and lake levels during of high and/or low rainfall;
- (c) erosion control; and
- (d) water quality enhancement.

**Policy 5.5.4** The City shall ensure that aquatic vegetation is not removed from surface water bodies except in compliance with the regulations of the FDEP Bureau of Aquatic Plant Management. The City shall discourage aquatic plant control efforts except when needed to provide reasonable recreational access to surface waters or to correct problems of public health, safety and welfare, including water quality.

## **Fisheries**

**OBJECTIVE 5.6:** The City shall establish guidelines for lake front development and activity to ensure water quality levels that maintain or enhance diversity of fish habitat and species.

Policy 5.6.1 The City shall use the site design standards contained in Ch.62 F. A. C. for the control of stormwater runoff to ensure the adequate treatment of stormwater from all new development or redevelopment prior to its discharge to surface waters, in order to ameliorate the adverse effects of stormwater pollutants on fisheries habitats.

Policy 5.6.2 The City shall not permit shoreline development activities which would destroy or degrade the function of lacustrine shoreline or deepwater habitat, except where such activities are clearly in the public interest and there is no practical alternative which reduces or avoids the impacts.

### **Floodplain Management**

OBJECTIVE 5.7: The City shall protect the flood storage and conveyance functions of the 100 year floodplain by coordinating with the St. Johns River Water Management District and the lake districts regarding development in the 100-year floodplain.

Policy 5.7.1 No development will be allowed in the 100-year floodplain, unless compensating storage is provided in accordance with Policy 4.8.4. Developers shall be encouraged to incorporate those portions of sites which are within the 100 year floodplain as open space preservation.

### **Soil Conservation And Mineral Resources**

OBJECTIVE 5.8: Development and mineral extraction activities shall be regulated to limit the adverse effects of soil erosion and sediment transport on air and water quality.

Policy 5.8.1 The City shall require that all land clearing for agriculture or development be conducted in compliance with soil erosion Best Management Practices as published by the SCS, FDOT, FDEP, FDACS, IFAS. Land clearing for development shall be limited to the minimum amount necessary .

Policy 5.8.2 The City shall prohibit all mineral extraction activities except those for on-site fill purposes.

### **Hazardous Waste And Materials**

OBJECTIVE 5.9: The volume of hazardous waste and materials generated within the City which is improperly used, stored or disposed of shall be eliminated; the number of

sites which engage in improper use, storage, or disposal of hazardous waste shall also be reduced to zero.

Policy 5.9.1 The City shall continue to coordinate with the FDEP and Orange County in the establishment of Amnesty Days for the collection of domestic hazardous wastes.

Policy 5.9.2 The City shall cooperate with the Orange County Environmental Protection Division to ensure that businesses which store, generate, or transport hazardous wastes or materials do so in accordance with State and Federal guidelines and regulations.

Policy 5.9.3 The City shall provide the greatest support practicable to Federal, State and County hazardous waste and materials management programs.

## Recreation and Open Space

### Goals, Objectives, Policies

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GOAL 6: The City of Edgewood will ensure that residents have access to a full range of recreational opportunities.

The City of Edgewood will ensure the conservation of open space areas within the City to provide aesthetically pleasing buffer areas, to serve as wildlife habitats, to act as groundwater recharge areas, to give definition to the urban area, and to enhance and preserve natural resources, in conjunction with Orange County.

OBJECTIVE 6.1: The City will continue intergovernmental cooperation with Orange County and the School Board to fulfill the parks, recreation, and open space needs for the residents of Edgewood.

Policy 6.1.1 Continue intergovernmental coordination activities with Orange County Parks and Recreation regarding facilities that serve residents of Edgewood.

Policy 6.1.2 Continue to work with Orange County Public Schools to ~~allow~~ allow the use of school recreational facilities by the residents of Edgewood.

~~Policy 6.1.3 The adopted level of service for recreation and open space areas for Edgewood is 1.5 acres per every 1000 people.~~

OBJECTIVE 6.2: The City will coordinate with Orange County Parks and Recreation to ensure that all identified recreational facilities in proximity with Edgewood, and natural resource areas of the City will be accessible to all residents and tourists in Edgewood.

Policy 6.2.1 The City will participate in Orange County recreational programs that are designed to ensure accessibility of recreational facilities for the disabled, elderly, and economically disadvantaged.

Policy 6.2.2 Work with Orange County Parks and Recreation to achieve multiple community benefits during parks and recreational facility development such as using a multi-purpose field for stormwater retention or developing a park with passive recreation areas that fulfill open space needs within the City.

Policy 6.2.3 Continue to encourage support from garden clubs and other service organizations in landscaping, supporting, and establishing recreational facilities.

## Intergovernmental Coordination

### Goals, Objectives, Policies

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**GOAL 7:** The City will maintain an ongoing commitment to intergovernmental coordination to ensure that the growth management goals of the Comprehensive Plan will be effectively implemented.

**OBJECTIVE 7.1:** The City will monitor plans of other local governments and districts to coordinate actions on subjects of mutual concern. To include at least following:

- (a) Orange County Comprehensive Plan
- (b) City of Orlando Comprehensive Plan
- (c) City of Belle Isle Comprehensive Plan
- (d) State agencies: FDOT, FDEP, and SJRWMD
- (e) School Board of Orange County, District Plan

Policy 7.1.1 The City Council will continue to participate in intergovernmental coordination meetings with the local governments listed in Objective 7.1, and other entities as needed.

Policy 7.1.2 In the event of a conflict with the Comprehensive Plan of another local government or regional agency, which the City Council determines to be irreconcilable, the City will utilize the East Central Florida Regional Planning Council's dispute resolution process pursuant to state law.

Policy 7.1.3 The City will provide information on issues related to comprehensive planning to appropriate local governments, including those listed in Objective 7.1, through scheduled meetings and upon request.

Policy 7.1.4 The City will continue to respond to annexation opportunities. Ongoing intergovernmental coordination with Orange County and other jurisdictions will include resolution of annexation issues. The City desires to encourage responsible annexations that are compact and contiguous to existing City boundaries that do not burden facility provision or services. The City will prepare an analysis and report regarding the feasibility of entering into a joint

planning agreement with Orange County to create a formal annexation agreement.

Policy 7.1.5 The City will participate in any county-wide intergovernmental forums which may be initiated as a result of comprehensive plan adoptions or other reasons.

Policy 7.1.6 The City will coordinate with Orange County Public Schools regarding school siting needs and program implementation applicable to the City.

Policy 7.1.7 Pursuant to 1013.33(6) F.S., at least 90 days prior to the Orange County School Board commencing construction of a public educational facility within the city limits, the City shall require the school board to obtain written determination that a proposed public educational facility within the city limits is consistent with the City's comprehensive plan and land development regulations. The determination shall include statements of facts and conclusions as to the following:

- (1) Whether the proposal is consistent with all applicable policies of the city's adopted comprehensive plan;
- (2) Whether the proposal meets the requirements of the land development code;
- (3) Whether and the extent to which land use and development conditions have changed to warrant location of the public educational facility in the proposed location;
- (4) Whether and the extent to which the proposal would result in any incompatible land uses, considering the type and location of uses involved; and,
- (5) Whether and the extent to which the proposal would result in demands on public facilities and services (both on-site and off-site), exceeding the capacity of such facilities and services, existing or programmed, including transportation, utilities, drainage, emergency services and similar necessary facilities and services.

If the determination is negative, school construction may not commence until further local government approvals are obtained to provide consistency.

OBJECTIVE 7.2: Any proposed development will be evaluated for its impact on adjacent local governments, the region or the state pursuant to the development and adoption of applicable criteria. Where a potential impact exists as determined by the

City of Edgewood, the City will solicit review and comment from the appropriate unit(s) of government before a development permit is issued.

Policy 7.2.1 Future development projects in Edgewood will include an assessment of impact on the comprehensive plans of adjacent jurisdictions when the Planning and Zoning Board has determined that the project impacts public services or land uses adjacent to Edgewood. Affected jurisdictions will be advised of the potential impact.

Policy 7.2.2 Amendments to this Comprehensive Plan, including the FLU and the CIE, will be assessed for impact on the comprehensive plans of adjacent jurisdictions, when the amendment impacts public services or land uses adjacent to Edgewood. Affected jurisdictions will be advised of the potential impact.

Objective 7.3: The City shall participate in conservation and coordination activities with Orange County, OUC, the Florida Department of Environmental Protection, and the St. Johns River Water Management District in order to provide for coordinated management and use of the water resources.

Policy 7.3.1 A Future Land Use amendment requires the demonstration of adequate water supplies and demonstrates that associated public facilities are (or will be) available to meet projected growth demands pursuant to state statutes.

Policy 7.3.2 Prior to approving a building permit or its functional equivalent, the City will consult with or require documentation from Orange County Utilities and/or OUC to determine whether adequate water supplies will be available to serve the new development prior to issuing a development order or building permit.

Policy 7.3.3 The City shall maintain and implement the Water Supply Facilities Work Plan (WSFWP). In accordance with Section 167.3177(6)(c), Florida Statutes, the WSFWP shall be updated as necessary subsequent to the St. Johns River Water Management District's (SJRWMD's) update of Central Florida Water Initiative (CFWI) Regional Water Supply Plan (RWSP). ~~has developed a ten-year water supply work plan that addresses current and projected water needs and sources. The City shall coordinate with all applicable local, state, and federal agencies regarding the work plan. In addition, the City will update the work plan within 18 months of any update to the regional water supply plan.~~

Policy 7.3.4 The City will participate in the development of updates to the SJRWMD's ~~water supply assessment and district water~~ regional water supply plan and in

other water supply development-related initiatives facilitated by SJRWMD that affect the City.

Policy 7.3.5

The City will coordinate with the Orlando Utilities Commission (OUC), Orange County, and other local jurisdictions in OUC's and Orange County's water service area regarding population projections and development projects that affect future water demands to assist in master planning to ensure that current and future water demands can be met.

# Capital Improvements

## Goals, Objectives, Policies

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### Introduction

The City of Edgewood ~~is not the responsible agency for does not provide~~ public facilities and services available to its residents, visitors, and businesses (with the exception of some stormwater management, local roads, and police). ~~These are provided as follows:~~The non-city providers are as follows:

- |  |                                       |
|--|---------------------------------------|
| 1. potable water                       | Orlando Utilities Commission          |
| 2. wastewater collection and treatment | Orange County, <u>City of Orlando</u> |
| 3. solid waste collection and disposal | Franchise, Orange County              |
| 4. drainage (stormwater)               | Edgewood, FDOT and Orange County      |
| 5. roads, state and county             | FDOT and Orange County                |
| 6. <u>transit</u>                      | <u>LYNX, FDOT</u>                     |
| 7. <u>parks</u>                        | Orange County                         |
| 8. <u>fire</u>                         | <u>Orange County</u>                  |

~~Capital improvements and Level of Service (LOS) standards for the above facilities are not the fiscal or operational responsibility of the City. Edgewood will coordinate LOS standards as determined by the service provider. For purposes of concurrency management, the City is responsible only for maintaining local roads and drainage facilities~~

GOAL 8: The City shall continue to provide needed public facilities to its businesses and residents in a manner that maximizes existing City infrastructure and promotes orderly urban growth, and efficient use of public monies for capital expenditures.

OBJECTIVE 8.1: Capital improvements will be accomplished as indicated in the 5-Year Schedule of Improvements. The Schedule will be used as a means to meet the needs of the City for the construction of capital facilities necessary to address existing deficiencies, accommodate future growth, and to replace obsolete or worn out facilities.

Policy 8.1.1 A Capital Improvement shall be defined as any infrastructure item or project for which the City has fiscal responsibility, and which costs \$10,000 or greater (local roads).

- Policy 8.1.2 ~~The City shall include all projects identified in the other elements of this Plan estimated to cost \$10,000 or more as capital improvements projects to be included in the 5-Year Schedule of Improvements. Includes only the following Elements: Transportation.~~ The City shall identify all capital improvement projects, estimated to cost \$100,000 or more, and a useful life of at least ten years, that are anticipated to be needed to meet the adopted levels of service. The listed improvements shall be identified as either funded or unfunded, and shall be reviewed and updated annually. Capital expenditures related to transportation improvements shall be included for information purposes.
- Policy 8.1.3 The City Council will act as the Capital Improvements Coordinating Committee. The Committee will evaluate and prioritized proposed projects for inclusion in the Capital Improvements Schedule.
- Policy 8.1.4 Proposed capital improvements projects shall be evaluated and prioritized according to the following guidelines:
- a. The elimination of public hazards;
  - b. The elimination of existing capacity deficits;
  - c. Local budget impact;
  - d. Locational needs based on projected growth patterns;
  - e. The accommodation of new development and redevelopment facility demands;
  - f. Financial feasibility; and
  - g. Plans of state agencies and water management districts that provide public facilities within the local government's jurisdiction.
- Policy 8.1.5 The City will, whenever cost-effective and in the City's best interest, assign a higher priority to those projects which correct existing facility deficiency or repair/replacement needs, as identified in Plan Elements. This priority will be included in the adopted Five Year Schedule of Capital Improvements.
- OBJECTIVE 8.2: The City will manage its fiscal resources to ensure the provision of needed capital improvements already identified by previously issued development orders, and for future development and redevelopment.
- Policy 8.2.1 In providing capital improvements, the maximum ratio of outstanding indebtedness to total property tax base shall be limited to five percent. (The City has no debt at this time.)

Policy 8.2.2 Efforts shall be made to secure grants or private funds, wherever possible, to finance the provision of capital improvements.

OBJECTIVE 8.3: Decisions regarding the issuance of development orders and permits will be based upon coordination of development requirements included in this Plan, the land development regulations which will be revised to be consistent with this Plan, and the availability of necessary public facilities to support such development. All land use decisions shall be coordinated with the availability of fiscal resources and with the schedule of capital improvements to maintain adopted levels of service.

~~Policy 8.3.1 The City shall use the following Level of Service (LOS) standards in reviewing the impacts of new development and redevelopment on public facility provisions:~~

Policy 8.3.1 The City of Edgewood shall not issue a development order or permit unless the proposal is consistent with the Goals-Objectives-Policies of the Comprehensive Plan. This includes verification in writing that the following facilities, at the noted level of service, will be available concurrent with the impact of development.

Facility	LOS	LOS established and provided by
a) Sanitary Sewers:	225 gpd (without reclaimed water)	Orange County, <u>City of Orlando</u>
b) Solid Waste:	Disposal: <u>Orange County Landfill</u> <u>Edgewood Contribution Rate: 6.0</u> lbs per day per person Collection: <del>Edgewood (franchise)</del> <del>two /week, each household</del>	Orange County Franchise - Edgewood
c) Drainage:		Edgewood & Orange County
Facility	Design Storm	
Bridges	50 year	
Canals, ditches or culverts for drainage external to the development	25 year	
Cross drains, storm sewers	10 year	
Roadside swales for drainage	10 year	

internal to the development		
Detention/Retention basins	25 year	
Retention/Detention basins (no positive outfall)	meet pre and post development runoff volumes and rates for the 25-year, 96-hour storm event	
(all of the above are for a 24-hr. storm event)		
<p>Water Quality: For a dry retention system retain 0.5 inch of runoff from the contributing basin or 1.25 inches of runoff from impervious areas, whichever is greater, plus half an inch of runoff from the contributing basin. For a wet detention system detain 1 inch of runoff from the contributing basin or 2.5 inches of runoff from the impervious areas, whichever is greater. Stormwater quantity = post development stormwater runoff flow rates, peaks, and velocities shall be equal to or less than levels which existed prior to development for the, 25 year, 24 hour storm event</p> <p>Stormwater quality = no degradation of existing water quality conditions in receiving water bodies below the minimum conditions necessary to ensure the suitability of the water for the designated use of its classification as established in Ch. 17- 302, F. A. C.</p>		
d) Potable Water	325 gallons/dwelling unit/day (without reclaimed water)	Orlando Utilities Commission
e) Roadways		Orange County
<del>Principal Arterials:</del>		
<del>Orange Avenue at Holden</del>	<del>E</del>	
<del>Orange Avenue at the one way pair</del>	<del>E</del>	
<del>Hansel Avenue at the one way pair</del>	<del>E</del>	
<del>Collectors:</del>		
<del>Holden Avenue</del>	<del>E</del>	
<del>Gatlin Avenue</del>	<del>E</del>	
f) Recreation	1.5 acres/1000 people	Orange County

Policy 8.3.1.a Development approvals shall include conditions to ensure equitable cost participation for capital expenditures that are necessary to mitigate identified negative impacts on public services and facilities that will be created by the proposed development.

~~Policy 8.3.2 The City shall, consistent with this Comprehensive Plan, ensure that at the time a development order or permit is issued, sufficient capacities of public~~

~~facilities at the adopted Levels of Service are available concurrent with the impact of the development.~~ The City shall coordinate with the other jurisdictions providing services in the manner described in the appropriate policies of this Plan.

Policy 8.3.3 The expenditure of public funds for all capital improvements shall recognize the policies of the other Plan elements contained within this Comprehensive Plan.

Policy 8.3.4. The City shall maintain service agreements with the outside service providers listed in Policy 8.3.1 throughout the planning period. Potable water and wastewater territory agreements are between Orange County/OUC and Orange County/City of Orlando, respectively. A franchise agreement exists with the solid waste service provider.

~~OBJECTIVE 8.4: Future development will be required to bear a proportional cost of facility improvements necessitated by development in order to maintain adopted level of service standards. This requirement shall be based on policies and regulations of facility providers that serve the City of Edgewood.~~

~~OBJECTIVE 8.5: The City of Edgewood shall not approve development unless it is consistent with the Goals Objectives Policies of the Comprehensive Plan.~~

~~Policy 8.5.1 The City shall maintain service agreements with the outside service providers listed in Policy 8.3.1 throughout the planning period. Potable water and wastewater territory agreements are between Orange County/OUC and Orange County/City of Orlando, respectively. A franchise agreement exists with the solid waste service provider.~~

~~Policy 8.5.2 The City will not issue a development order or permit unless (1) outside service providers have verified in writing that service will be available, consistent with adopted LOS standards, and (2) the proposed development is consistent with the Goals Objectives Policies of the Comprehensive Plan.~~

OBJECTIVE 8.6: Annual review of the Capital Improvements Element will be included in the City's budget process.

Policy 8.6.1 The City shall adopt an annual capital budget as part of its budgeting process and include an amendment to the Capital Improvements Element for an

update to the 5-year Capital Improvements Schedule. The City budget will be adopted at an advertised public hearing.

Policy 8.6.2 The City will manage its fiscal resources to ensure the provision of needed capital improvements for and development orders issued prior to Plan adoption.

Policy 8.6.3 Fiscal policies in the Capital Improvements Element will be reviewed annually to ensure compatibility with and support of other Elements in the Comprehensive Plan.

OBJECTIVE 8.7: The City will maintain an ongoing commitment to intergovernmental coordination in order to determine the best possible solution to providing capital improvements for public facilities.

Policy 8.7.1 The City will appoint representatives as needed to participate in all intergovernmental activities pertaining to local government public facility issues in Orange County.

Policy 8.7.2 The City will work to address multi-jurisdictional issues concerning the funding of public services when it is in the best interest of the residents of Edgewood.

**Five-Year Capital Improvements Schedule**

<b>CITY OF EDGEWOOD CAPITAL IMPROVEMENT PLAN FYS 2021/2022 – 2024/2025</b>						
	<b>2020/2021</b>	<b>2021/2022</b>	<b>2022/2023</b>	<b>2023/2024</b>	<b>2024/2025</b>	<b>2025/2026</b>
<b>SANITARY SEWERS ORANGE COUNTY 225 GPD (WITHOUT RECLAIMED WATER)</b> The identified expenditures are Orange County’s responsibility. City is not fiscally responsible for the landfill capital improvements.						
Portion of Pump Station Package 35– Rehab of PS 3120 serving the City	\$0	\$46,000	\$240,000	\$200,000	\$0	\$0
Portion of Pump Station Package 38 – Relocation and rehab of PS 3220 serving the City	\$0	\$21,000	\$22,000	\$100,000	\$235,000	\$135,000
Gravity Package 29 – Rehab of existing gravity and manholes serving the City	\$0	\$0	\$865,000	\$0	\$0	\$0
<b>SANITARY SEWERS CITY OF ORLANDO 225 GPD (WITHOUT RECLAIMED WATER)</b>						
City of Orlando does not have sanitary sewer lines proximate the City limits with no plans within the next five years for extension to the City limits. Should extension occur in the future, Edgewood would not be fiscally responsible such extension.						
<b>POTABLE WATER ORLANDO UTILITIES COMMISSION 325 GALLONS/DWELLING UNIT/DAY (WITHOUT RECLAIMED WATER)</b>						
No known projects at this time.						
<b>SOLID WASTE COLLECTION: FRANCHISE</b>						
Franchise has identified it has the physical assets to provide the contracted service						
<b>SOLID WASTE: ORANGE COUNTY LANDFILL</b> The identified expenditures are Orange County’s responsibility. City is not fiscally responsible for the landfill capital improvements. No known projects for FY 2025/2026						
Class 3 Waste Disposal Cell 2	\$307,000	\$307,000	\$307,000	\$307,741	\$307,841	
Landfill Cell 11	\$14,773,000	\$7,703,430	\$5,771,570	\$7,540,000	\$2,000,000	

Central Expansion	\$0	\$0	\$0	\$1,703,333	\$1,70,8000
<b>DRAINAGE:</b> Improvements are not necessary to maintain adopted Drainage Level of Service standards (LOS) over the next 5 years. Drainage level of service is maintained by Edgewood and Orange County.					
<b>TRANSPORTATION</b> The City has no financial responsibility for maintaining the adopted levels of service standards. No transportation improvements within the City are scheduled in the Metropolitan Planning Organizations Unified Transportation Improvement Program. The listed projects are unfunded needs identified by the City.					
Holden Ave/Gatlin Road New SunRail Station and associated bus facilities					
Holden Ave/Gatlin Road Intersection Realignment					
Orange Ave access management/medians					

Sources:

- Charles Shultz (407.246.2658) City of Orlando Sewer service area includes only a small part of the city (Oakwater Professional Office Park). Currently there are no lines proximate the city limit and there are no plans for extension in the next 5 years. Closest lines are along Orange Avenue at Pine Loch, ±0.6 miles north of the city limits. No change in wastewater disposal for this north area is expected within the planning period.
- Chuck DiGerlando OUC 407.434.2563 OUC projects water demand on a five year basis to 2025 and at build-out in 2050. The analysis does not distinguish between City and non-City demand.
- Christine Doan, P.E., Orange County Utilities Engineering Division 407-254-9921, Christine.Doan@ocfl.net
- Orange County Annual Budget FY 2020/2021
- CPH Engineering, Allen Lane
- MetroPlan Cost Feasible Plan and Transportation Improvement Program

The Five Year Capital Improvements Schedule reflects estimated City expenditures as well as those from the responsible governmental agency that are forecasted to be needed to main the adopted levels of service.

## Property Rights Element

### Goal and Policy

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GOAL 9: The City shall respect judicially acknowledged and constitutionally protected private property rights.

Policy 9.1: The City shall consider the following property rights in decision making.

- A. Property owners shall have the right to physically possess and control his or her interests in the property, including easements, leases, or mineral rights;
- B. Property owners shall have the right to use, maintain, develop, and improve his or her property for personal use or for the use of any other person, subject to state law and local ordinances;
- C. Property owners shall have the right to privacy and to exclude others from the property to protect the owner's possessions and property; and,
- D. Property owners shall have the right to dispose of his or her property through sale or gift.

## Monitoring and Evaluation Procedures

### A. Annual Monitoring Report

To ensure that the comprehensive planning program in Edgewood is a continuous and ongoing process, a monitoring report shall be prepared annually by the last working day of December during each year in which an Evaluation and Appraisal Report is not required. The monitoring report shall be presented to the Local Planning Agency (LPA) in January for recommendations to the City Council. The monitoring report shall include all requirements of State Law and the following:

1. Any existing problems associated with development or any physical deterioration in the City, the location of these areas, and the social and economic effects of such conditions in the City.
2. The condition of each element in the Comprehensive Plan at the time of adoption and at the date of the report, including a status report on the required goals, objectives and policies to be achieved that year and any recommended changes.
3. The extent to which unanticipated problems and opportunities occurred between the date of adoption and the date of the report, including the nature of the problems or opportunities and any recommended changes to the Plan.
4. A list of approved projects and developments in the City.
5. A list of areas in the City affected by substandard service levels (if any) and recommendations to achieve acceptable levels of service for substandard areas.
6. Description of the prior year's intergovernmental coordination activities and any policy changes by other agencies that require updates to the City's Comprehensive Plan and/or Land Development Code.

The Edgewood City Council shall take the monitoring report into account when considering proposed Comprehensive Plan and/or Land Development Code amendments for the following year.

## Appendix A

### City of Edgewood 2021-2030 Water Supply Facilities Work Plan

#### Section 1: Introduction

The St. Johns River Water Management District's (SJRWMD's) Central Florida Water Initiative (CFWI) Regional Water Supply Plan (RWSP) identifies the City of Edgewood (City) as being within a Water Resource Caution Area. Therefore, in accordance with Section 167.3177(6)(c), Florida Statutes (F.S.), the City is required to adopt and maintain a water supply facilities work plan, and update the comprehensive plan, as necessary, to implement the work plan and associated water supply-related legislative requirements.

Water supply facilities work plans, in accordance with Section 163.3177(6)(c), F.S., are required to address at least a 10-year planning period and identify a local government's program to implement traditional and alternative water supply projects, and reuse and water conservation practices/projects necessary to meet existing and future water demands. In addition, in accordance with Section 163.3177(6)(h), F.S., the City must ensure coordination of its water supply facilities work plan and comprehensive plan with SJRWMD's CFWI RWSP.

SJRWMD updates the CFWI RWSP at least every five years, in accordance with Chapter 373, F.S. Subsequently, when the CFWI RWSP is updated, and it affects the City, it may be necessary for the City to update its water supply facilities work plan prior to the end of its 10-year planning period.

#### Section 2: Water supplier(s) and service agreement(s)

The City does not provide potable or non-potable water service or sanitary sewer service. Nor does the City own or maintain a potable water or wastewater system. The City's municipal limit is located entirely within the Orlando Utilities Commission (OUC) potable water service area. OUC is a municipal utility owned by the City of Orlando and its potable water service area includes the cities of Orlando, Edgewood, Belle Isle and large portions of unincorporated Orange County.

For wastewater, the majority of the City is within Orange County's wastewater service area. The City's northernmost area is within Orlando's wastewater service area; however, the closest trunk line is  $\pm 6/10$  mile north of the city limits on East Pineloch Avenue. This portion of the City is currently developed and served by onsite sewage disposal systems (septic tanks). No change in wastewater disposal for this north area is expected within the planning period.

Residential and non-residential potable water users within the City of Edgewood purchase retail water directly from the OUC. This is enabled through a territorial agreement.

#### Section 3: Potable Water Demand, Sources, and Supply

The City relies on OUC to ensure that adequate water supply and facility capacity are available to meet the needs of existing and future customers within the City of Edgewood. Because OUC is owned by the

City of Orlando, the City of Orlando's water supply facilities work plan must address OUC's program to implement water supply projects, reuse and water conservation necessary to meet water demands within OUC's entire service area. Therefore, the City should monitor and participate, as necessary, in OUC's and Orlando's water supply planning processes to ensure that they account for the City's current and future water needs. Intergovernmental Coordination Element Policy 7.3.5 contains enabling language for this participation and coordination.

#### OUC Consumptive Use Permit (CUP)

OUC has a CUP [#3159] from SJRWMD that authorizes the use of (allocation) 39,868.4 million gallons per year (109.22 million gallons per day [mgd]) of ground water from the Floridan aquifer to serve a projected population of 522,848 people in 2023 with water for household, commercial/industrial, irrigation, and water utility type uses. However, in accordance with CUP permit conditions related to implementation of certain projects (e.g., Project RENEW), OUC's allocation has been reduced to 100.1 mgd.

OUC's current CUP expires in October 2023. In September 2020, OUC submitted a CUP renewal application to SJRWMD, which is currently under review. OUC's CUP renewal application requested approval of the same use/allocation amount as its existing CUP (i.e., 109.22 mgd). It is anticipated that SJRWMD will issue OUC a new CUP before October 2023, although the allocation amount has not yet been determined.

#### City of Orlando Water Supply Facilities Work Plan

The City of Orlando's water supply facilities work plan was last updated in 2017. The figure below is from the 2017 work plan and contains OUC's 'forecasted total water supply needs and sources.' The figure below indicates that groundwater sources totaling 109.2 mgd will be needed through 2030.

Figure 7. Forecasted Total Water Needs and Sources Orlando Utilities Commission (OUC)	Demand Projection or Available Supply (MGD, AADF)			
	2015 Baseline	2020	2025	2030
<b>Supply or Demand Component</b>				
OUC Potable Water Demand - Total Service Area <sup>(1)</sup>	82.4	94.6	102.4	108.6
OUC Reclaimed Water Demand - Total Service Area <sup>(2)</sup>	11.6	13.7	15.6	16.7
Total Water Demand - Total Service Area	94.0	108.3	118.0	125.3
Total Water Demand - in City of Orlando <sup>(3)</sup>	55.5	63.9	69.6	73.9
Groundwater Supply Available <sup>(4)</sup>	105.0	109.2	109.2	109.2
Reclaimed Water Supply (City/County w/o golf courses) <sup>(5)</sup>	20.9	20.7	20.5	21.9
Surface Water Supply Available (SJR/TCR Project)	0.0	0.0	0.0	5.0
Water Conservation Rebates (Demand Reduction Amount)	0.5	1.0	1.5	2.0
Total Supply Available	126.4	130.9	131.2	138.1
Forecasted Supply Surplus - Total OUC Service Area	32.4	22.6	13.2	12.8
(1) Projections taken from Table A-1 of 2015 Final CFWI RWSP, Volume IA. Based on BEBR medium scenario for 5-in-10 year rainfall. Projections based on a 1-in-10 year rainfall, which increase demands by 6%, are also provided in the RWSP.				
(2) Based on reclaimed water demands for OUC service area per Carollo reclaimed water model update for the City in 2016 without golf courses and adding in County estimated demands in OUC service area without golf courses. It is assumed there will be a maximum demand of 3 mgd for OUC customers served by Orange County utilities.				
(3) Assumes 59% of OUC demand is in City of Orlando based on the proportion of City population to total OUC population in 2015.				
(4) Groundwater supply available is assumed to be limited by permit allocation or facility capacity, whichever is less. OUC CUP expires in 2023. Allocation for 2025 and 2030 is assumed to remain the same as the allocation at the end of the permit duration.				
(5) Reclaimed water supply available to OUC includes a maximum of 3 mgd from the County and the low range supply projections for Iron Bridge, CI, and CII with non-OUC demands, golf courses, and minimum wetlands flow and CII RIB flow subtracted. (Table provided by OUC 2016)				

The City of Orlando is currently updating its water supply facilities work plan to address the 2020 CFWI RWSP, including the respective water demand projections and potential project options that OUC could implement during the planning period to help meet its services area’s water demand.

The 2020 CFWI RWSP water demand projections for OUC’s service area are below.

	2020	2025	2030	2035	2040
OUC Service Area population	464,686	495,812	523,056	551,690	566,613
OUC water demand	86.90 mgd	92.72 mgd	97.82 mgd	103.17 mgd	105.89 mgd

The 2020 CFWI RWSP potential project options involving OUC are below.

- OUC Irrigation Conservation Phase 2
- Project RENEW
- OUC Southeast Water Treatment Plan Lower Floridan Wellfield
- St. Johns River / Taylor Creek Reservoir
- St. Johns River Near Yankee Lake - Option 2

The City of Edgewood’s population is approximately 3,000, and is expected to increase about 4.0% for each 5 year planning period increment as a result of the development of a new single family subdivision and redevelopment of commercial to multi-family units. Correspondingly, the water demand within the City is also expected to increase during the planning period. Overall, though, the City’s population will remain a very small percentage of OUC’s customer demand.

The 2020 CFWI RWSP indicates that the water demand for OUC's service area will be 97.82 mgd in 2030, which is below the current CUP allocation of 100.1 mgd. However, once OUC receives a new CUP and the City of Orlando completes its own updated water supply facility work plan, the City of Edgewood should update this section of its water supply facilities work plan to be consistent with the new CUP and work plan and to document that: 1) OUC has adequate water supply for the planning period, and 2) the project options OUC plans to implement from the CFWI RWSP.

#### **Section 4: Water supply concurrency and level of service standards**

The City is ultimately responsible for authorizing development within its municipal limits. However, because the City relies on OUC for water service, its concurrency management system and level of service (LOS) standards should include coordination and consistency with OUC and City of Orlando. Policies 4.11.1, 4.11.2, 7.3.1, 7.3.2, and 8.3.1 and contain enabling language for such coordination.

#### **Section 5: Water Conservation**

Water conservation is important to reduce water demand and ensure the sustainability of water supply sources utilized by the City. The City currently implements many water conservation practices, including some that are enabled by comprehensive plan policies. In addition, because the City relies on OUC for water service, its water conservation practices should be coordinated with OUC. The City's water conservation practices include the following:

- Participating in water conservation activities with OUC and SJRWMD (Objectives 7.3 and 5.2);
- Including water conservations measures in development regulations (Objective 4.12, Policy 4.12.1);
- Requiring or encouraging installation of water saving or low-volume plumbing fixtures (Policies 4.12.1, 5.2.3, and 5.2.7);
- Utilizing water reuse or reclamation, when available and appropriate, for irrigation and other non-potable applications (Policies 4.12.1 and 5.2.8);
- Requiring or encouraging development to use water efficient, natural and/or drought resistant plants and landscaping (Policies 4.12.1, 5.2.2, and 5.2.7);
- Supporting water conservation by participating in county, state and federal programs (Policy 4.12.2);
- Assisting SJRWMD during emergency water shortage declarations (Policy 5.2.4)
- Encouraging water conservation regulations that encourage use of low impact development techniques (Policy 5.2.6); and,
- Encouraging or participating in water conservation educational activities, such as observing water conservation month, and newsletters (Policy 5.2.9).

END

## List of Acronyms and Abbreviations

CIE - Capital Improvements Element  
ECFRPC - East Central Florida Regional Planning Council  
EPA - Environmental Protection Agency  
FDACS - Florida Department of Agriculture and Consumer Services  
FDEP - Florida Department of Environmental Protection  
FDOT - Florida Department of Transportation  
FEMA - Federal Emergency Management Agency  
FWC - Florida Fish and Wildlife Conservation Commission  
FHA - Federal Housing Administration  
FIRM - Flood Insurance Rate Map  
FLUCCS - Florida Land Use and Cover Classification System  
FNAI - Florida Natural Areas Inventory  
FSUTMS - Florida Standard Urban Transportation Modeling System  
HUD - Housing and Urban Development  
IFAS - Institute of Food and Agricultural Sciences  
LPA - Local Planning Agency  
LOS - Level of Service  
MPO - MetroPlan Orlando  
MSA - Metropolitan Statistical Area  
MUTCD - Manual of Uniform Traffic Control Devices  
NFIP - National Flood Insurance Program  
OCEPD - Orange County Environmental Protection Division  
OOCEA - "Orlando Orange County Expressway Authority  
OUATS - Orlando Urban Area Transportation Study  
OUC - Orlando Utilities Commission  
SCS - Soil Conservation Service (U.S.)  
SJRWMD - St . Johns River Water Management District  
SWIM - Surface Water Improvement Management  
TIP - Transportation Improvement Program  
USFWS - U. S . Fish and Wildlife Service